UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED GAS SUB. REPORT/abd _____

DATE FILED: 11-19-82

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-013427 INDIAN

DRILLING APPROVED: 11-26-82

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 12-20-83 LA 3/86

FIELD: UNDESIGNATED

UNIT:

COUNTY: UINTAH

WELL NO. R.B.U. #6-3D API NO. 43-047-31281

LOCATION 1583 FT. FROM (N) (S) LINE. X 1943 FT. FROM (E) (W) LINE. X SE NW 1/4 — 1/4 SEC. 3

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				10S	18E	3	MAPCO PROD CO

Form 9-331 C
(May 1963)

SUBMIT IN ' LICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

6

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-013427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. UNIT AGREEMENT NAME: River Bend

8. FARM OR LEASE NAME: RBU

2. NAME OF OPERATOR: MAPCO Production Company

9. WELL NO.: 6-3D

3. ADDRESS OF OPERATOR: 1643 Lewis, Ste. 202, Billings, MT 59102

10. FIELD AND POOL, OR WILDCAT: ~~Wildcat~~ UNDESIGNATED

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1943' FWL & 1583' FNL (SE NW)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

At proposed prod. zone: Same

Sec. 3, T10S, R18E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 25 miles SE of Myton, Utah

12. COUNTY OR PARISH: Uintah | 13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
702'	1119	640
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
NA	9300' MESAVERDE	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5101' G.L.

22. APPROX. DATE WORK WILL START*: January, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	150'	Cmt to surface
11"	8-5/8"	24# & 28#	3800'	Cmt to surface
7-7/8"	5-1/2"	17#	9300'	Cmt to surface

1. Drill a 17-1/2" hole with an air rig to 150'. Run 13-3/8", 48# H-40 csg and cmt to surface.
2. NU and pressure test BOP stack (see Fig. 1) prior to drilling out below surface pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 11" hole to 3800' with an aerated fresh wtr mud system.
5. Run logs. Set 8-5/8" 24# K-55 & 28# S-80 at 3800' & cmt to surface.
6. NU and pressure test BOP stack (see Fig. 1) prior to drlg out below intermediate pipe.
7. Drill a 7-7/8" hole to 9300' with an air & wtr mud system. No cores are planned. DST's will be run as needed to evaluate unexpected shows.
8. Run logs. Set 5-1/2" 17# N80 casing as dictated by drilling shows, tests and logs. Release drilling rig. Csg program may be modified to provide added burst strength if needed for frac program.
9. Primary zones of interest are the Upper Wasatch and Chapita Wells sections of the Wasatch Formation and the Mesaverde Formation.

(Continued on back.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 11-19-82

R. E. Baumann

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE 11-26-82
BY [signature]

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

10. RU completion rig to test in a normal, prudent manner, all zones that indicate a potential for economically, recoverable reserves.

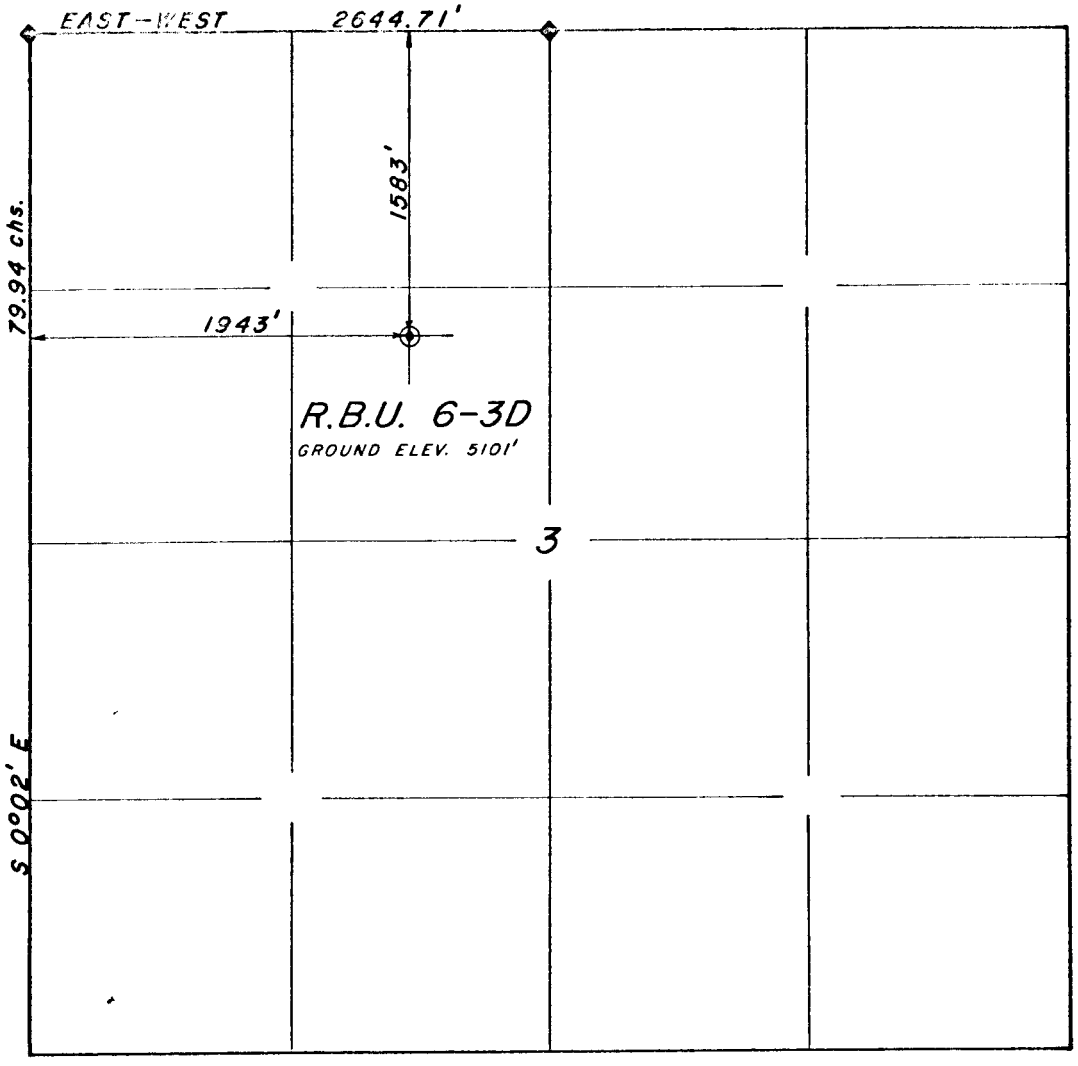
LOG TOPS:

	Depth	Datum
Uintah	Surface	
Green River	1670	+3445
X-Marker	2220	+2895
I zone	3860	+1255
Wasatch Tongue	4555	+ 560
Green River Tongue	4955	+ 160
Wasatch	5135	- 20
Chapita Wells	5855	- 740
Uteland Buttes	7055	-1940
Mesaverde	8285	-3170
TOTAL DEPTH	9300	-4185

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-782-222/208 REGION NO. 8

MAPCO, INC.
WELL LOCATION PLAT
R.B.U. 6-3D

LOCATED IN THE SE¼ OF THE NW¼ OF SECTION 3, T10S, R18E, S.L.B.&M.



SCALE: 1"=1000'

Exhibit A

LEGEND & NOTES

◆ Found original monuments used for this survey.

The General Land Office plats were used for reference and calculations.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

Jerry D. Allred

Jerry D. Allred, Registered Land Surveyor, Cert. No. 3817 (Utah)

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants

121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

13 Sept. '82 79-128-091

TEN-POINT COMPLIANCE PROGRAM OF NTL-6
APPROVAL OF OPERATIONS

Attached to Form 9-331C
Company: MAPCO Production Company
Well: RBU 6-3D
Well Location: 1943' FWL & 1583' FNL
Section: 3 Township: 10S Range: 18E
County: Uintah State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

Formation	Depth
Uintah	Surface
Green River	1670'
Wasatch	5135'
Chapita Wells	5855'
Uteland Buttes	7055'
Mesaverde	8285'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Formation	Depth	Remarks
Wasatch	5135	Gas zones
Chapita Wells	5855	" "
Mesaverde	8285	" "

4. The Proposed Casing Program

Size of Casing	Weight & Grade	Setting Depth	Quantity of Cement
13-3/8"	48# H-40	150'	Cmt to Surface
8-5/8"	28# S-80, 24# K-55	3800'	" " "
5-1/2"	17# N-80	9300'	" " "

5. The Operator's Minimum Specifications for Pressure Control

See Figure #1, attached.
BOP stack has a 3000 psi working pressure. BOP's will be pressure tested before drilling casing cement plugs.
Pipe rams will be operated daily and blind rams as possible.

6. The Type and Characteristics of the Proposed Circulating Muds

The well is to be drilled with an air & wtr mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control.

7. The Auxiliary Equipment to be Used

1.) Kelly cock.
2.) Full opening valve on floor with DP connection for use when Kelly is not in string.
3.) Pit volume totalizer equipment will be used.

8. The Testing, Logging, and Coring Programs to be Followed

A two (2) man mud logging unit will be in operation from surface to T.D.
The following open hole logs will be run:
1.) GR-DLL
2.) FDC-CNL-Caliper

Exact logging detail and procedures will be prepared prior to reaching logging depth.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

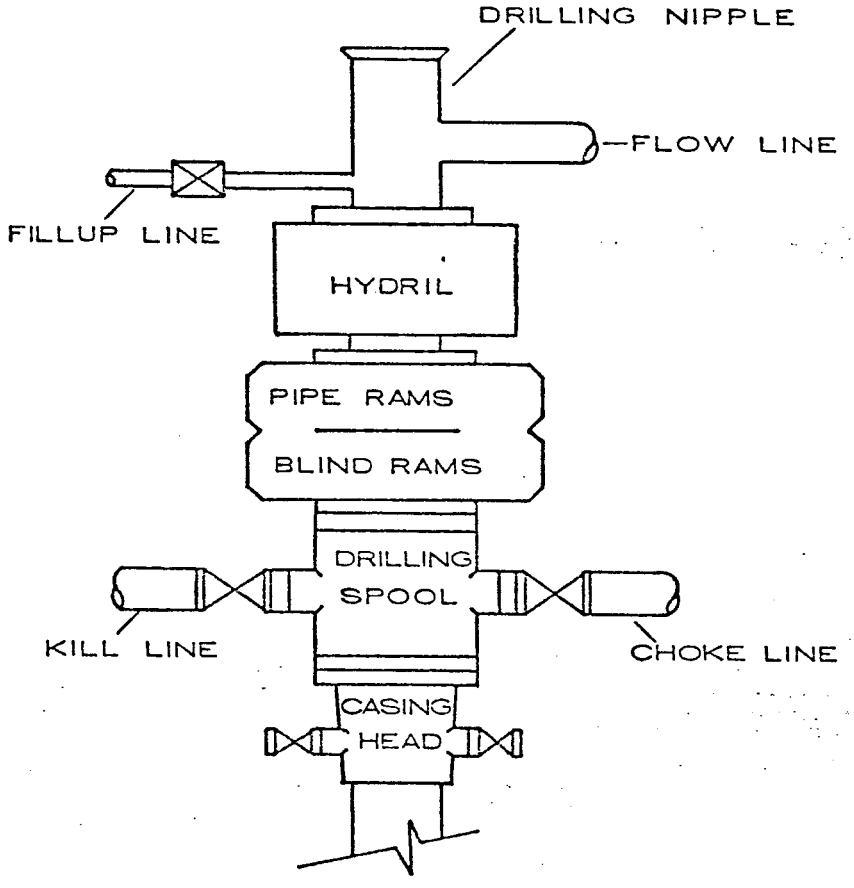
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H_2S gas.

10. The Anticipated Starting Date and Duration of the Operations

Starting Date: Jan., 1983

Duration: 14 days

BOP STACK



CHOKE MANIFOLD

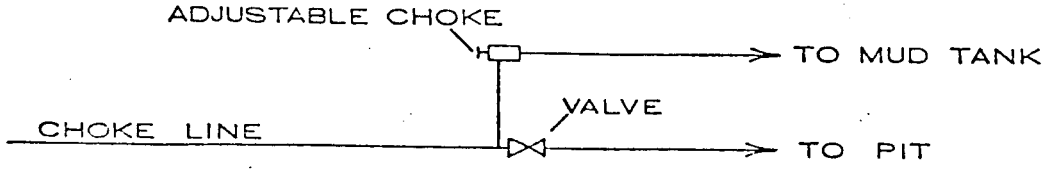


FIGURE 1

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C
COMPANY: MAPCO Production Company
WELL: RBU 6-3D
WELL LOCATION: 1943' FWL & 1583' FNL
Section: 3 Township: 10S Range: 18E
County: Uintah State: Utah

1. Existing Roads

A. The proposed well site and elevation plat is shown as Exhibit A.

B. Location is as shown in Exhibit B.

C. An access road of about 4300' will be needed to reach the location from the existing road as shown in Exhibit B.

D. All existing roads are shown on Exhibit B.

E. There is no anticipated construction on any existing roads.

2. Planned Access Roads

1. Width: Maximum of 30' right-of-way with road bed being approximately 16'-18', and remainder of right-of-way to be used for barrow ditches.

2. Maximum grade: 8%

3. Turnouts: None

4. Drainage design: Drain ditches along either side of the road, where necessary for drainage with material from barrow ditch used to build crown of road.

5. Culverts: None

6. Surface materials: Native dirt.

7. Gates, cattleguards, fence cuts: None

3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit B within the one-mile radius.

A. Water wells: None

B. Abandoned wells: None

C. Temporarily abandoned wells: None

D. Disposal wells: None

E. Drilling wells: None

F. Producing wells: RBU 6-2D, Sec. 2, T10S, R18E
OSC #5

G. Shut-in wells: None

H. Injection wells: None

I. Monitoring or observation wells: None

4. Location of Existing and/or Proposed Facilities

A. The location of existing and/or proposed facilities, if any, owned or controlled by lessee/operator within the 1-mile radius will be shown on Exhibit B.

1. Tank Batteries: None

2. Production facilities: Located at RBU 6-2D and OSC #5 in Sec. 2, T10S, R18E

3. Oil gathering lines: None

4. Gas gathering lines: None

5. Injection lines: None

6. Disposal lines: None

B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad on the solid base of cut and not placed on the fill areas.

1. No flagging then will be needed.

2. The dimensions of the production facilities and the location of facilities is drafted on Exhibit C. If production is obtained, then the unused areas will be restored as later described.

3. Concrete as needed and any gravels needed will be purchased from private sources.

4. All pits will be fenced to minimize any hazard to sheep, cattle, antelope and other animals that graze the area. Flagging material will be used as needed, if water or other fluid is produced.

C. Rehabilitation, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with Item 10 following.

5. Water Supply

Water source is shown on Exhibit D.

A. Water will be hauled from Sheep Wash Field located in Section 25 & 26, T9S, R18E or Section 30, T9S, R19E.

B. No pipelines are anticipated. Hauling will be on the road(s) shown in Exhibit D.

C. No water well is anticipated to be drilled at this time.

6. Source of Construction Materials

A. No construction material, insofar as drilling, will be needed.

B. No construction materials will be obtained from Federal or Indian land.

C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

D. Access roads crossing Federal lands are shown under Items 1 and 2.

7. Handling Waste Disposals

A. Drill cuttings will be buried in the reserve pit when covered.

B. Drilling fluids will be handled in the reserve pit.

C. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

D. Any sewage will be covered or removed and chemical toilets will be provided.

E. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.

F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced or covered.

8. Ancillary Facilities

No proposed airstrip, camp, or other facility will be constructed during the drilling or completion of this well.

9. Well Site Layout

A. Exhibit E is the drill pad layout on a scale of 1" = 40'.

B. & C. Exhibit E is a layout of the drilling rig, pits, and burn pits. Parking and trailers will be along the north side of the area as shown. The access road will be from the SW. Soil stockpiles are also shown on Exhibit E.

D. The reserve pit will not be lined. Steel mud pits may be used, at least in part, during drilling operations.

10. Plans for Restoration

A. Backfilling, leveling and gentle sloping is planned and will be accomplished as soon as possible after plugging or setting of production casing. Waste disposal and spoils materials will be buried or hauled away immediately after operations cease from drilling and/or completion.

B. The soil banked materials will be spread over the area and gentle sloping or contouring to meet the existing terrain. Revegetation will be by planting of native vegetation to the area or some other combination as recommended by The Bureau of Land Management.

The access road to the drill pad will be revegetated, if needed. Any damage to present existing roads will be repaired as needed.

C. Prior to rig release, the pits will be fenced on the fourth side and so maintained until cleanup is accomplished. The reserve pit will have fencing on three sides during drilling.

D. If any oil is on the pits, and is not immediately removed after operations cease, then the pit will be flagged overhead to keep birds and fowl out.

E. The commencement of rehabilitation operations will begin as soon as possible after drilling ceases. Planting will be planned as suggested by BLM.

11. Other Information

A. Topography: See Notes on Exhibit E

Soil Characteristics and Geologic features: The soils of this semi-arid area are of the Uinta and Duchesne River formation (The Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Flora: Areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth.

Fauna: Is sparse but consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. Birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

B. Type of surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: BLM

C. Proximity of useable water (Shown on Exhibit D):

Occupied dwellings (if any, shown on Exhibit B): None

Archaeological or historical sites (if any, shown on Exhibit B):

An archeological survey will be conducted if necessary and the results mailed to the regulating agencies concerned.

12. Lessee's or Operator's Representative

James D. Holliman
Manager of Operations
MAPCO Production Company
Alpine Executive Center
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or
(406) 656-8435

or

Dennis J. Brabec
Regional Drilling Superintendent
MAPCO Production Company
Alpine Executive Center
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or
962-3138

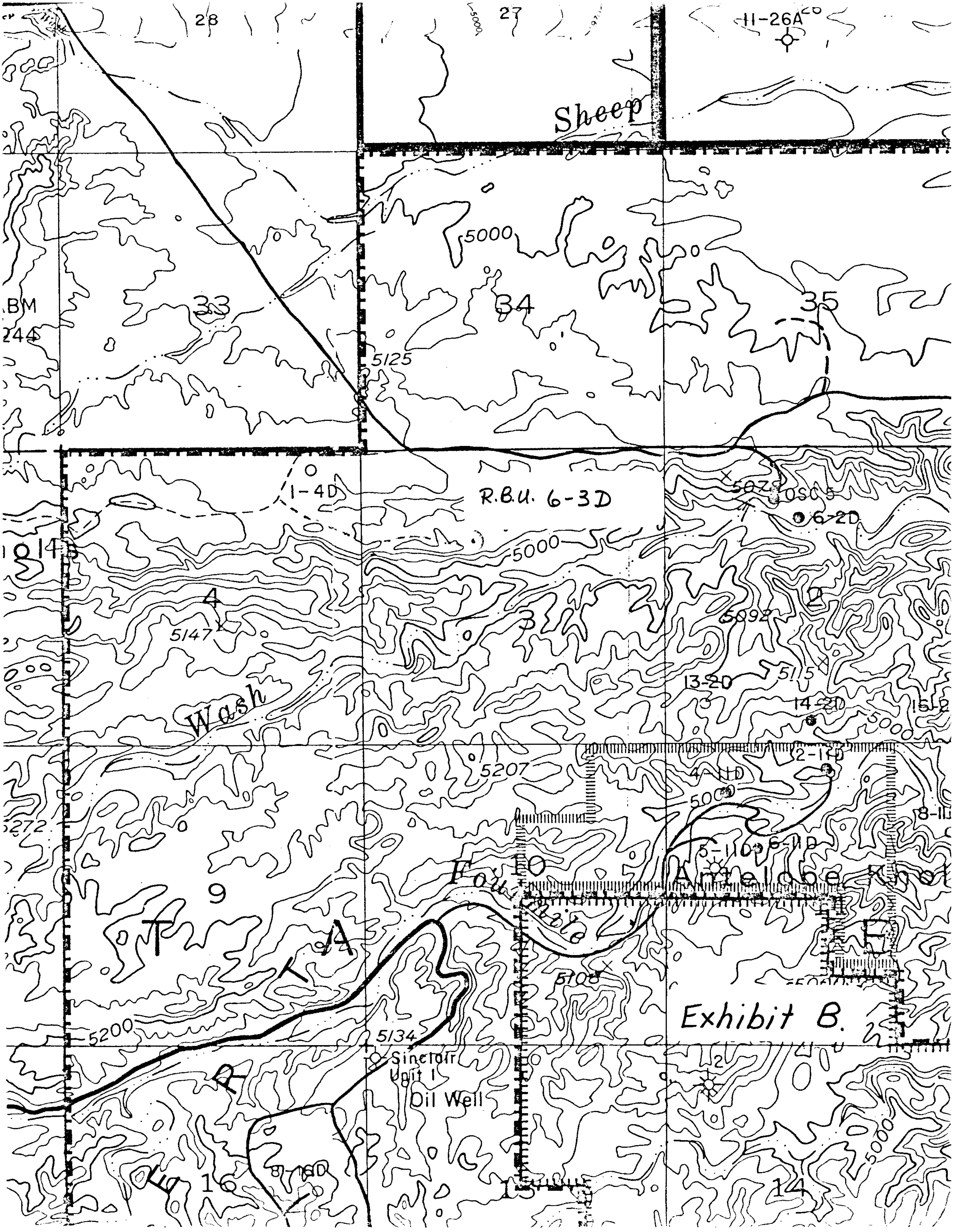
13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the condition which presently exists; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by MAPCO PRODUCTION COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

November 22, 1982
DATE

James D. Holliman
NAME

Manager of Production
TITLE


28
27
11-26A
Sheep
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244
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34
35
5000
5125
1-4D
R.B.U. 6-3D
6-2D
5000
4
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2
5147
5092
13-2D
14-2D
Wash
5207
2-11D
4-11D
5272
5-11D
6-11D
10
9
Antelope Knol
5108
Exhibit B.
5200
5134
Sinclair
Unit 1
Oil Well
16
8-16D
15
14

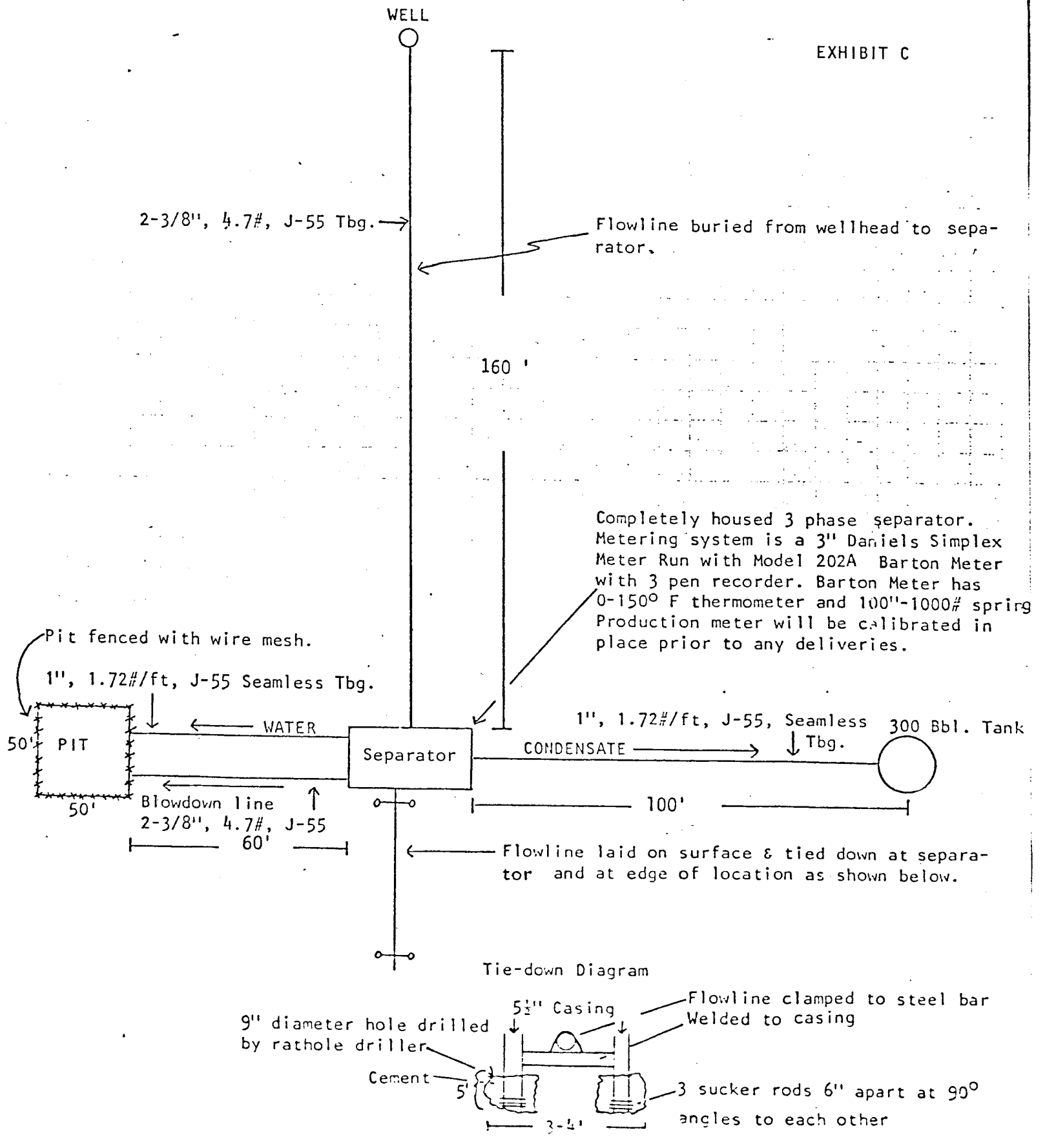
Subject

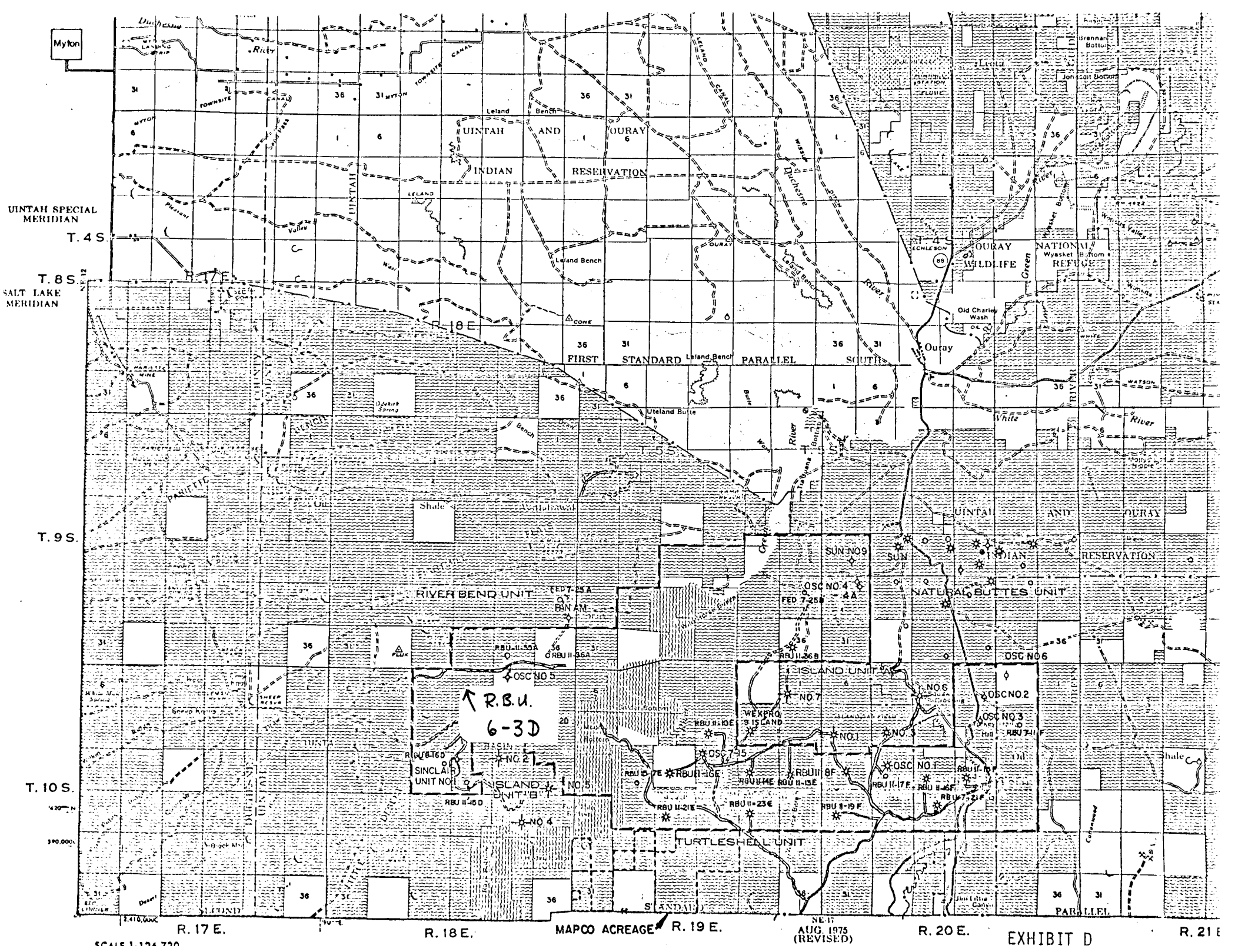
Date

Sheet of

By

EXHIBIT C



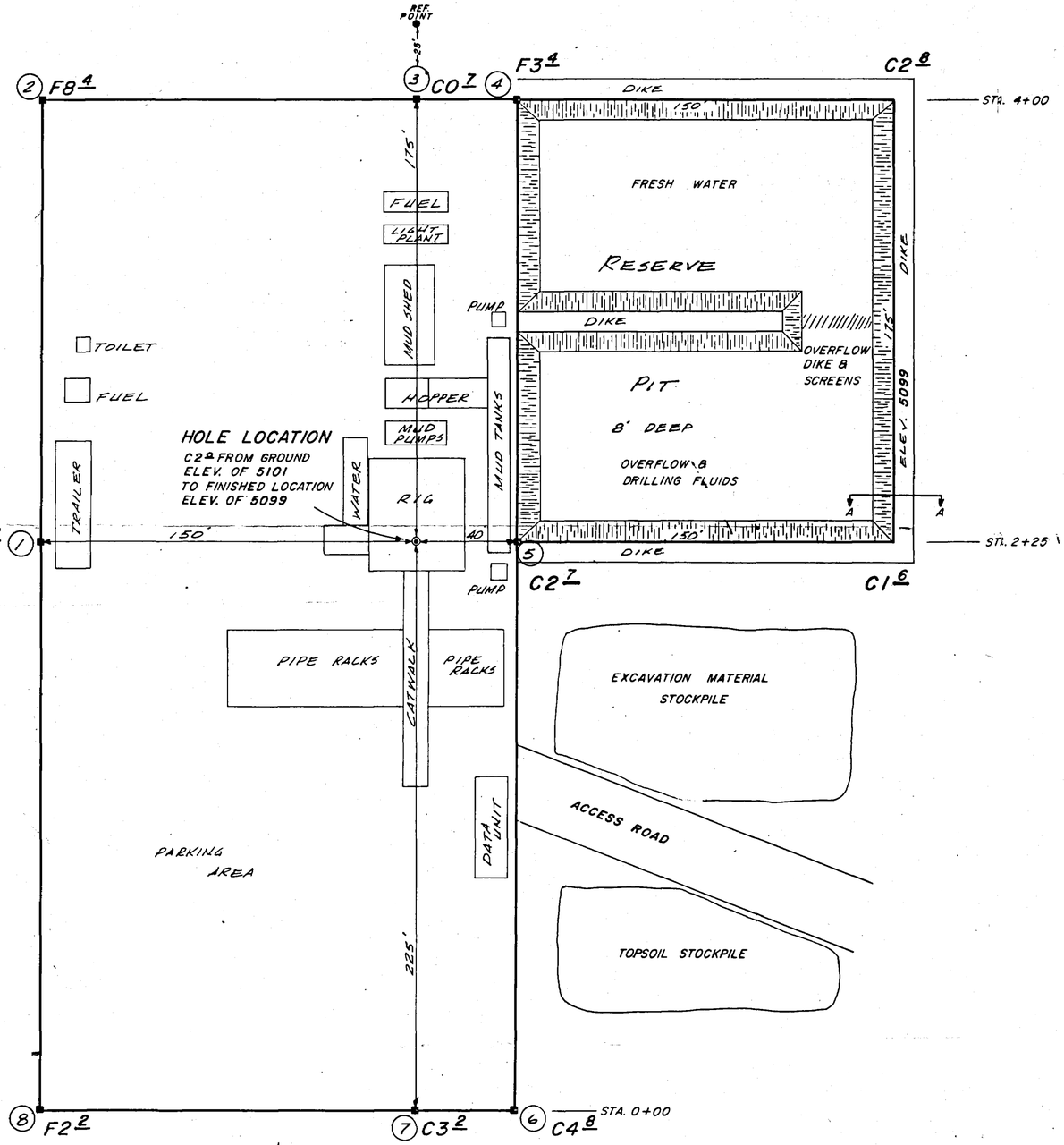

Myton
UINTAH SPECIAL MERIDIAN
SALT LAKE MERIDIAN
T. 4 S.
T. 8 S.
T. 9 S.
T. 10 S.
R. 17 E.
R. 18 E.
R. 19 E.
R. 20 E.
R. 21 E
UINTAH AND OURAY INDIAN RESERVATION
OURAY NATIONAL WILDLIFE REFUGE
Leland Bench
FIRST STANDARD PARALLEL SOUTH
Ouray
Old Charley Wash
Uteland Butte
RIVER BEND UNIT
NATURAL BUTTES UNIT
ISLAND UNIT
TURTLESHELL UNIT
SINCLAIR UNIT NO. 1
R.B.U. 6-3D
MAPCO ACREAGE
AUG. 1975 (REVISED)
EXHIBIT D

MAPCO, INC.

WELL LAYOUT PLAT

R.B.U. 6-3D

LOCATED IN THE SE¼ OF THE NW¼ OF SECTION 3, T10S, R18E, S.L.B.&M.



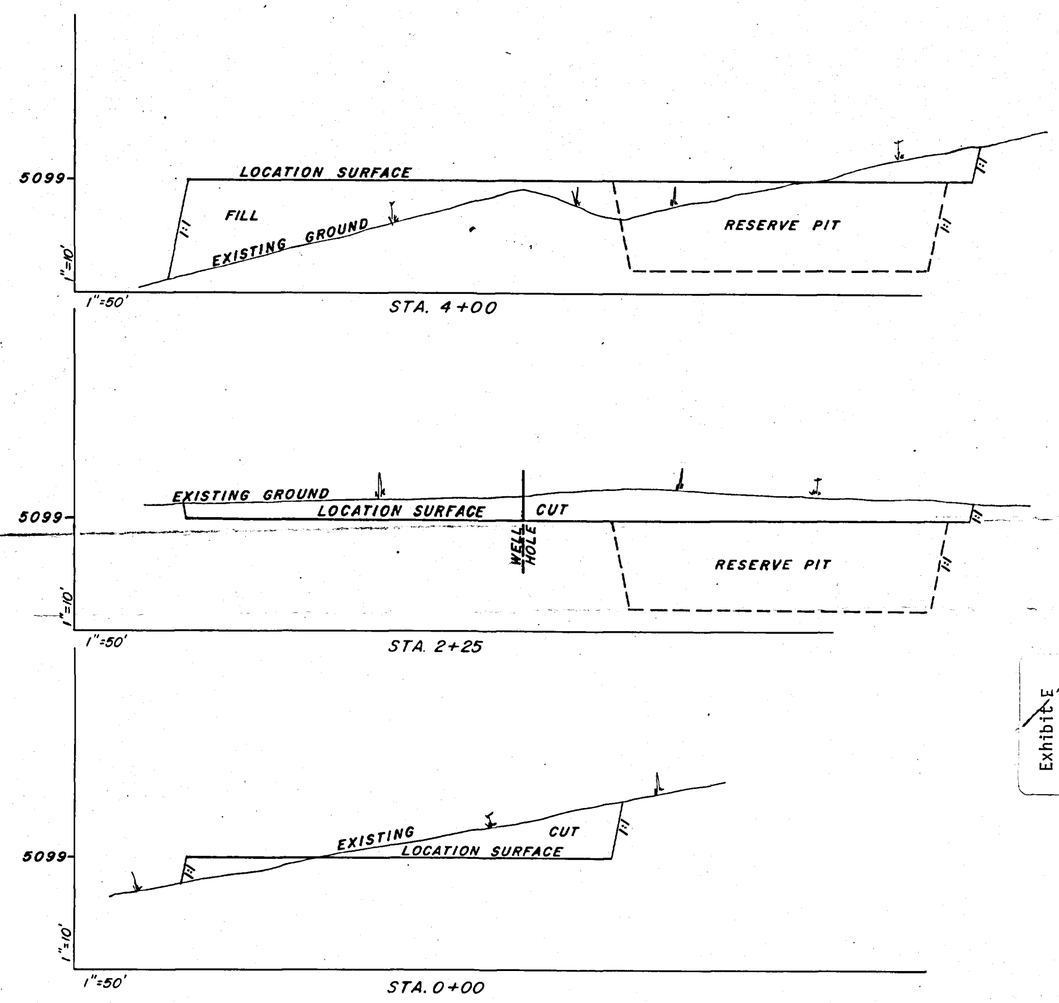


Exhibit E

NOTES

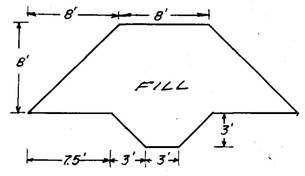
The location is situated on top of Eight Mile Flat just as it breaks Southerly to rugged terraine with a general drainage easterly toward the GreenRiver.

The soil is composed of shale and weathered sandstone.

APPROXIMATE QUANTITIES

CUT: **4,290 Cu. Yds.**

FILL: **1,170 Cu. Yds.**



KEYWAY A-A

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

13 SEPTEMBER 1982 79-128-091

Form 9-331 C
(May 1963)

SUBMIT IN T. ICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OIL & GAS OPERATIONS
RECEIVED
NOV 24 1982
SALT LAKE CITY, UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-013427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. UNIT AGREEMENT NAME: River Bend

8. FARM OR LEASE NAME: RBU

9. WELL NO.: 6-3D

2. NAME OF OPERATOR: MAPCO Production Company

10. FIELD AND POOL, OR WILDCAT: Wildcat

3. ADDRESS OF OPERATOR: 1643 Lewis, Ste. 202, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1943' FWL & 1583' FNL (SE NW)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

At proposed prod. zone: Same

Sec. 3, T10S, R18E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 25 miles SE of Myton, Utah

12. COUNTY OR PARISH: Uintah | 13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 702'

16. NO. OF ACRES IN LEASE: 1119

17. NO. OF ACRES ASSIGNED TO THIS WELL: 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: NA

19. PROPOSED DEPTH: 9300'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5101' G.L.

22. APPROX. DATE WORK WILL START*: January, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	150'	Cmt to surface
11"	8-5/8"	24# & 28#	3800'	Cmt to surface
7-7/8"	5-1/2"	17#	9300'	Cmt to surface

1. Drill a 17-1/2" hole with an air rig to 150'. Run 13-3/8", 48# H-40 csg and cmt to surface.
2. NU and pressure test BOP stack (see Fig. 1) prior to drilling out below surface pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 11" hole to 3800' with an aerated fresh wtr mud system.
5. Run logs. Set 8-5/8" 24# K-55 & 28# S-80 at 3800' & cmt to surface.
6. NU and pressure test BOP stack (see Fig. 1) prior to drlg out below intermediate pipe.
7. Drill a 7-7/8" hole to 9300' with an air & wtr mud system. No cores are planned. DST's will be run as needed to evaluate unexpected shows.
8. Run logs. Set 5-1/2" 17# N80 casing as dictated by drilling shows, tests and logs. Release drilling rig. Csg program may be modified to provide added burst strength if needed for frac program.
9. Primary zones of interest are the Upper Wasatch and Chapita Wells sections of the Wasatch Formation and the Mesaverde Formation.

(Continued on back.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 11-19-82

R. E. Baumann

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE E. W. Guynn District Oil & Gas Supervisor DATE JAN 3 1983

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

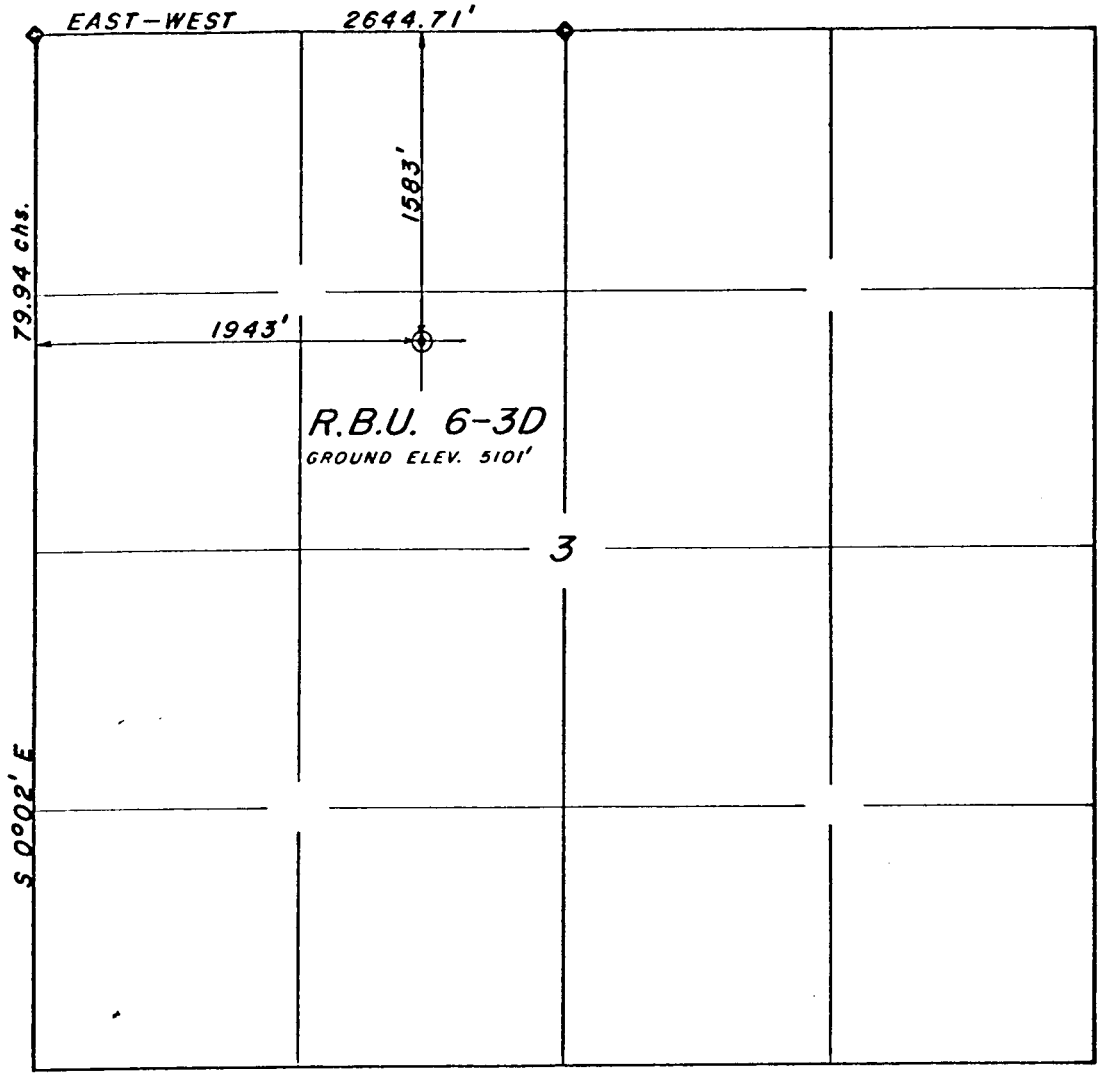
FLARING OR VENTING OF GAS IS SUBJECT TO NTL-4A DATED 1/1/80

*See Instructions On Reverse Side

STATE: OIG

MAPCO, INC.
WELL LOCATION PLAT
R.B.U. 6-3D

LOCATED IN THE SE¼ OF THE NW¼ OF SECTION 3, T10S, R18E, S.L.B.&M.



SCALE: 1"=1000'

Exhibit A.

LEGEND & NOTES

◆ Found original monuments used for this survey.

The General Land Office plats were used for reference and calculations.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

Jerry D. Allred

Jerry D. Allred, Registered Land Surveyor, Cert. No. 3817 (Utah)

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

13 Sept. '82 79-128-091

MAPCO Production Company
Well No. 6-3D
Section 3, T.10S., R.18E.
Uintah County, Utah
River Bend Unit
Lease U-013427

Supplemental Stipulations

1) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)

United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.

2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.

3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.

2. Cross section of the Uinta Basin.

3. Schematic of the general ground water protection program.

E. W. Guynn
District Oil and Gas Supervisor

AMR/kr

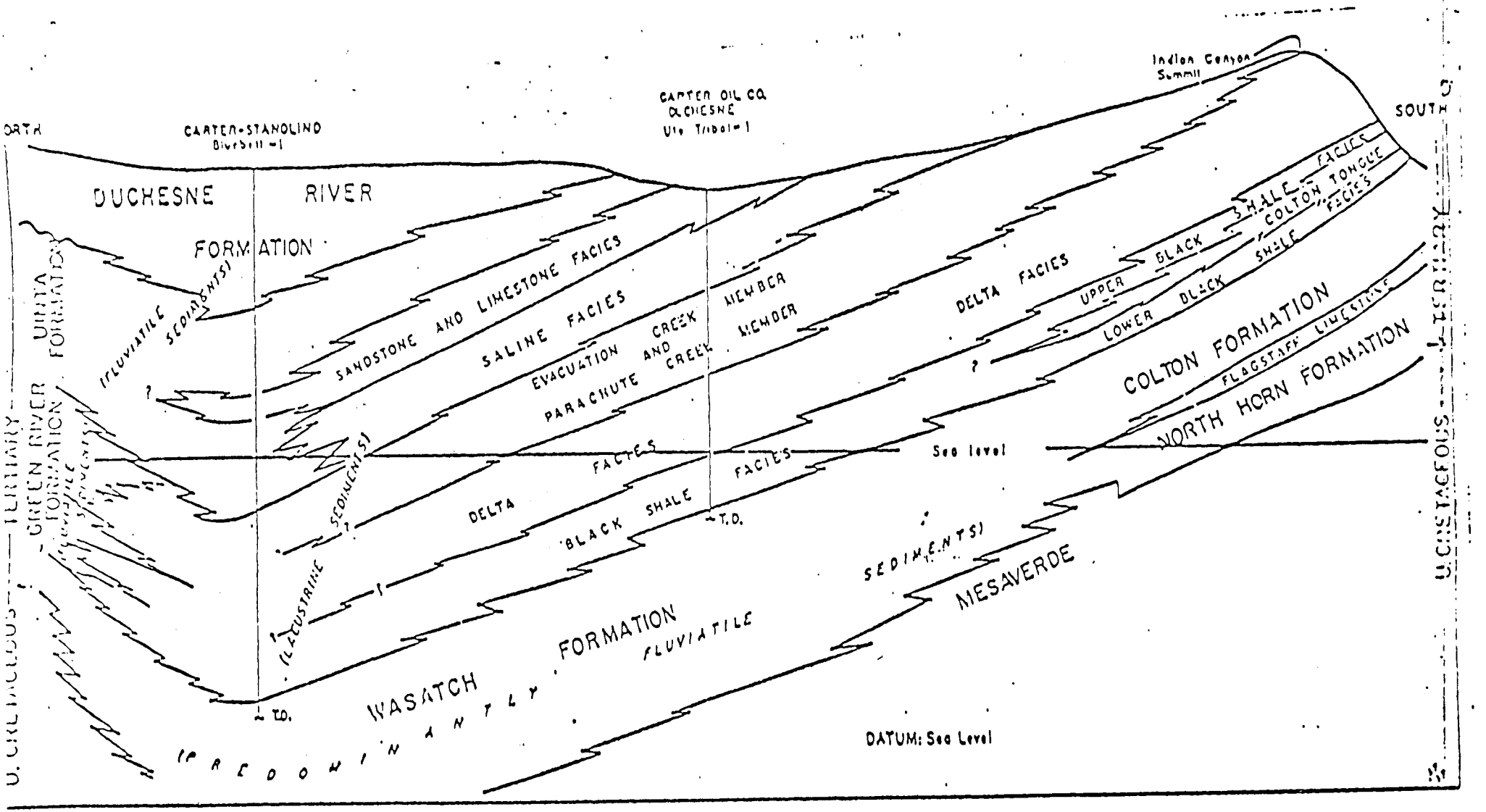
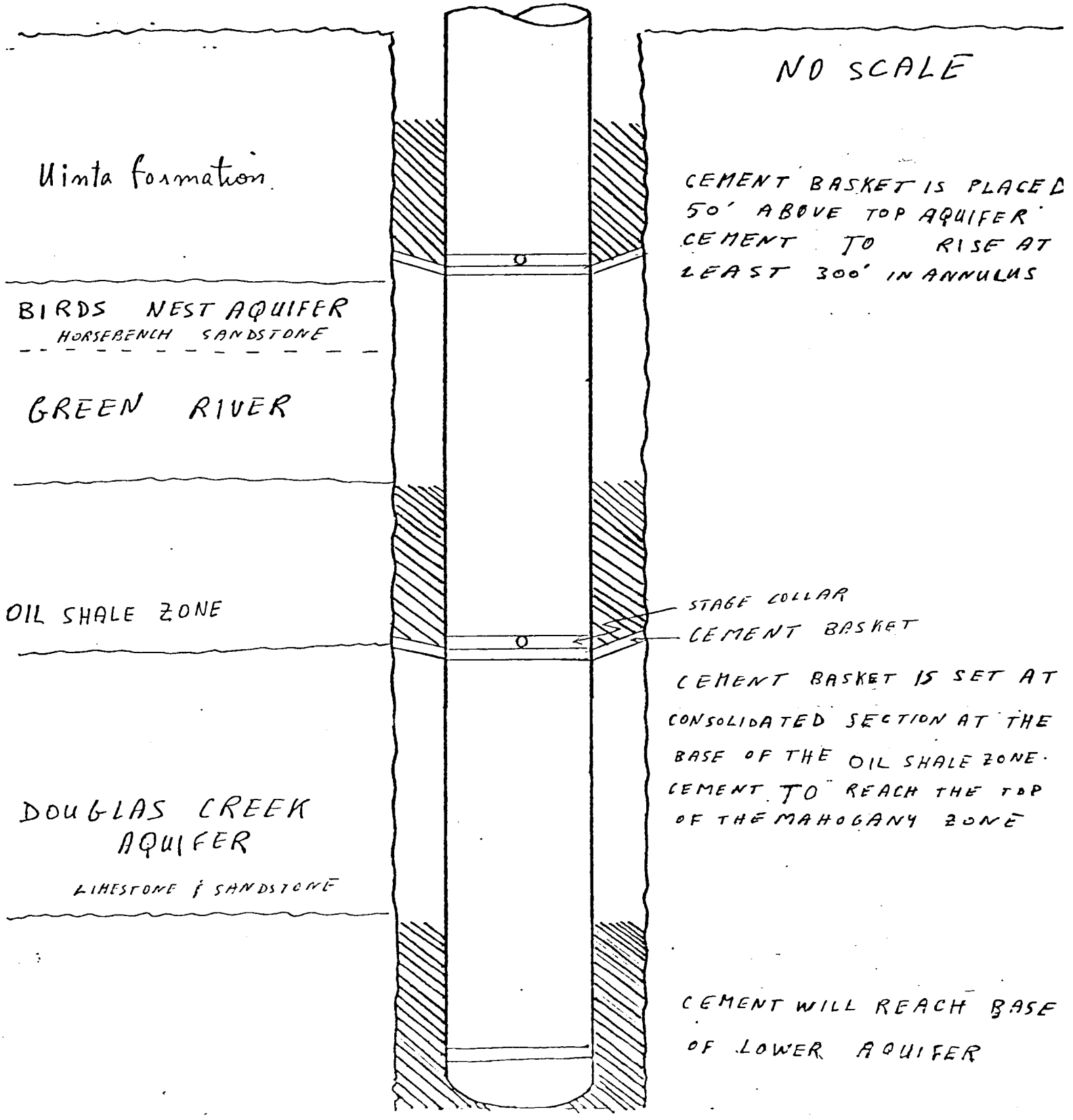


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS IN NATURAL BUTTES FIELD. UINTAH COUNTY, UTAH



OPERATOR Mapco Production Co. DATE 11-24-82

WELL NAME River Bend Unit 6-30

SEC SENW 3 T 10S R 18E COUNTY Uintah

43-047-31281
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX	☑ HL	☐
☐ NID	☑ PI	☐
☑ MAP	☑	☐

PROCESSING COMMENTS:

RJF ✓

APPROVAL LETTER:

SPACING: ☒ A-3 RIVER BEND UNIT ☐ c-3-a _____ CAUSE NO. & DATE

☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE: A CURRENT UNIT MAP AND PLAN OF DEVELOPMENT SHALL BE SUBMITTED TO THE DIVISION PRIOR TO SPUDDING

[✓] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

[✓] AUTHENTICATE LEASE AND OPERATOR INFORMATION

[✓] VERIFY ADEQUATE AND PROPER BONDING FED

[✓] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

[✓] APPLY SPACING CONSIDERATION

[ ] ORDER NO

[X] UNIT RIVER BEND

[ ] c-3-b

[ ] c-3-c

[✓] OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

[✓] POTASH

November 26, 1982

Mapco Production Company
1643 Lewis, Suite 202
Billings, Montana 59102

RE: Well No. River Bend Unit 6-3D
SENW Sec. 3, T.10S, R.18E
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. A current unit map and plan of development shall be submitted to the Division prior to spudding.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer		CLEON B. FEIGHT - Director
Office: 533-5771	OR	Office: 533-5771
Home: 571-6068		Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31281.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: MMS
Enclosure

MAPCO PRODUCTION COMPANY

December 14, 1982

Minerals Management Service
Conservation Division
Branch of Oil and Gas
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

RBU 6-3D
3-10S, 18E
UINTAH

Attn: Diane Horsley

Dear Ms. Horsley:

Enclosed is the revised Multi-Point Requirements that covers the additional stipulations as required by the BLM.

Very truly yours,

MAPCO Production Company

Richard E. Baumann

Richard E. Baumann
Engineering Technician

REB/ch
Encl.

BLM STIPULATIONS

Construction Section of BLM Stips

1. Section 2 A
2. Section 2 B
3. Section 9 B & C
4. Section 7 E
5. Section 9 D
6. Section 9 E
7. Initial Statement
8. Initial Statement

Rehabilitation Section of BLM Stips

1. Section 10 B
2. Section 10 C
3. Section 10 D
4. Section 10 E
5. Section 10 F
6. Section 10 G
7. Section 10 H
8. Section 10 I
9. Section 11 D
10. Section 11 E

Production Section of BLM Stips

1. Section 10 J
2. Section 10 K

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

COMPANY:	MAPCO Production Company
WELL:	RBU 6-3D
WELL LOCATION:	1943' FWL & 1583' FNL
Section:	3
Township:	10S
Range:	18E
County:	Uintah
State:	Utah

The operator or his contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public lands.

The dirt contrator will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

1. Existing Roads

A. The proposed well site and elevation plat is shown as Exhibit A.

B. Location is as shown in Exhibit B.

C. An access road of about 4300' will be needed to reach the location from the existing road as shown in Exhibit B.

D. All existing roads are shown on Exhibit B.

E. There is no anticipated construction on any existing roads.

2. Planned Access Roads

A. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes will be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."

B. Width: Maximum of 30' right-of-way with road bed being approximately 16'-18', and remainder of right-of-way to be used for barrow ditches.

C. Maximum grade: 8%

D. Turnouts: None

E. Drainage design: Drain ditches along either side of the road, where necessary for drainage with material from barrow ditch used to build crown of road.

F. Culverts: None

G. Surface Materials: Native dirt.

H. Gates, cattleguards, fence cuts: None

3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit B within the one-mile radius.

A. Water wells: None

B. Abandoned wells: None

C. Temporarily abandoned wells: None

D. Disposal wells: None

E. Drilling wells: None

F. Producing wells: RBU 6-2D, Sec. 2, T10S, R18E, OSC #5

G. Shut-in wells: None

H. Injection wells: None

I. Monitoring or observation wells: None

4. Location of Existing and/or Proposed Facilities

A. The location of existing and/or proposed facilities, if any, owned or controlled by lessee/operator within the 1-mile radius will be shown on Exhibit B.

1. Tank Batteries: None

2. Production facilities: Located at RBU 6-2D and OSC #5 in Sec. 2, T10S, R18E

3. Oil gathering lines: None

4. Gas gathering lines: None

5. Injection lines: None

6. Disposal line: None

B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad on the solid base of cut and not placed on the fill areas.

1. No Flagging then will be needed.

2. The dimensions of the production facilities and the location of

facilities is drafted on Exhibit C. If production is obtained, then the unused areas will be restored as later described.

3. Concrete as needed and any gravels needed will be purchased from private sources.

4. All pits will be fenced to minimize any hazard to sheep, cattle antelope and other animals that graze the area. Flagging material will be used as needed, if water or other fluid is produced.

C. Rehabilitation, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with Item 10 following.

5. Water Supply

Water source is shown on Exhibit D.

A. Water will be hauled from Sheep Wash Field located in Section 25 & 26, T9S, R18E or Section 30, T9S, R19E.

B. No pipelines are anticipated. Hauling will be on the road(s) shown in Exhibit D.

C. No water well is anticipated to be drilled at this time.

6. Source of Construction Materials

A. No construction material, insofar as drilling, will be needed.

B. No construction materials will be obtained from Federal or Indian land.

C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

D. Access roads crossing Federal lands are shown under Items 1 and 2.

7. Handling Waste Disposals

A. Drill cuttings will be buried in the reserve pit when covered.

B. Drilling fluids will be handled in the reserve pit.

C. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

D. Any sewage will be covered or removed and chemical toilets will be provided.

E. There will be no burning. Garbage and other waste material will be

enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.

F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced or covered.

8. Ancillary Facilities

No proposed airstrip, camp, or other facility will be constructed during the drilling or completion of this well.

9. Well Site Layout

A. Exhibit E is the drill pad layout on a scale of 1" = 40'.

B. & C. Exhibit E is a layout of the drilling rig, pits, and burn pits. Parking and trailers will be along the north side of the area as shown. The access road will be from the southwest. Soil stockpiles are also shown on Exhibit E. The top 6 - 10 inches of topsoil material will be removed from the location and stockpiled on the south end of the location.

D. The reserve pit will not be lined with native clay, commercial bentonite, or plastic sufficient to prevent seepage. Steel mud pits etc.

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C. The operator or his contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 48 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.

D. Before any dirt work to restore the location takes place, the reserve pit will be completely dried and all trash (cans, barrels, pipe, etc,) will be removed.

E. All disturbed areas will be recontoured to the approximate natural contours.

F. The stockpiled topsoil will be evenly distributed over the disturbed area.

G. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.

H. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some such implement will be dragged over the seeded area to assure seed coverage.

I. The access will be blocked to prevent any vehicle use.

Production

J. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.

K. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, will be painted a flat, non-reflective, earthtone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

11. Other Information

A. Topography: See Notes on Exhibit E

Soil Characteristics and Geologic features: The soil of this semi-arid area are of the Uinta and Duchesne River formation (The Fluvial Sand-Stone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (Sandstone, mudstone, conglomerates and shales).

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Fauna: Is sparse but consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. Birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

B. Type of surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: BLM

C. Proximity of useable water (Shown on Exhibit D):

Occupied dwellings (if any, shown on Exhibit B): None

D. An archaeological clearance has been done.

E. If any cultural recources are found during construction, all work will stop and the BLM will be notified.

12. Lessee's or Operator's Representative

James D. Holliman
Manager of Operations
MAPCO Production Company
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or (406) 656-8435

or

Dennis J. Brabec
Regional Drilling Superintendent
MAPCO Production Company
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or (406) 962-3138

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the condition which presently exists; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by MAPCO Production Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

December 14, 1982
DATE

James D. Holliman
NAME

Manager of Production
TITLE

BLM STIPULATIONS

Construction Section of BLM Stips

1. Section 2 A
2. Section 2 B
3. Section 9 B & C
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Attached to Form 9-331C

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Billings, Montana 59102

Phone: (406) 248-7406
or (406) 656-8435

or

Dennis J. Brabec
Regional Drilling Superintendent
MAPCO Production Company
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or (406) 962-3138

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the condition which presently exists; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by MAPCO Production Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

December 14, 1982
DATE

James D. Holliman
NAME

Manager of Production
TITLE

BLM STIPULATIONS

Construction Section of BLM Stips

1. Section 2 A
2. Section 2 B
3. Section 9 B & C
4. Section 7 E
5. Section 9 D
6. Section 9 E
7. Initial Statement
8. Initial Statement

Rehabilitation Section of BLM Stips

1. Section 10 B
2. Section 10 C
3. Section 10 D
4. Section 10 E
5. Section 10 F
6. Section 10 G
7. Section 10 H
8. Section 10 I
9. Section 11 D
10. Section 11 E

Production Section of BLM Stips

1. Section 10 J
2. Section 10 K

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

COMPANY:	MAPCO Production Company
WELL:	RBU 6-3D
WELL LOCATION:	1943' FWL & 1583' FNL
Section:	3
Township:	10S
Range:	18E
County:	Uintah
State:	Utah

The operator or his contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public lands.

The dirt contrator will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

1. Existing Roads

A. The proposed well site and elevation plat is shown as Exhibit A.

B. Location is as shown in Exhibit B.

C. An access road of about 4300' will be needed to reach the location from the existing road as shown in Exhibit B.

D. All existing roads are shown on Exhibit B.

E. There is no anticipated construction on any existing roads.

2. Planned Access Roads

A. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes will be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."

B. Width: Maximum of 30' right-of-way with road bed being approximately 16'-18', and remainder of right-of-way to be used for barrow ditches.

C. Maximum grade: 8%

D. Turnouts: None

E. Drainage design: Drain ditches along either side of the road, where necessary for drainage with material from barrow ditch used to build crown of road.

F. Culverts: None

G. Surface Materials: Native dirt.

H. Gates, cattleguards, fence cuts: None

3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit B within the one-mile radius.

A. Water wells: None

B. Abandoned wells: None

C. Temporarily abandoned wells: None

D. Disposal wells: None

E. Drilling wells: None

F. Producing wells: RBU 6-2D, Sec. 2, T10S, R18E, OSC #5

G. Shut-in wells: None

H. Injection wells: None

I. Monitoring or observation wells: None

4. Location of Existing and/or Proposed Facilities

A. The location of existing and/or proposed facilities, if any, owned or controlled by lessee/operator within the 1-mile radius will be shown on Exhibit B.

1. Tank Batteries: None

2. Production facilities: Located at RBU 6-2D and OSC #5 in Sec. 2, T10S, R18E

3. Oil gathering lines: None

4. Gas gathering lines: None

5. Injection lines: None

6. Disposal line: None

B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad on the solid base of cut and not placed on the fill areas.

1. No Flagging then will be needed.

2. The dimensions of the production facilities and the location of

facilities is drafted on Exhibit C. If production is obtained, then the unused areas will be restored as later described.

3. Concrete as needed and any gravels needed will be purchased from private sources.

4. All pits will be fenced to minimize any hazard to sheep, cattle antelope and other animals that graze the area. Flagging material will be used as needed, if water or other fluid is produced.

C. Rehabilitation, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with Item 10 following.

5. Water Supply

Water source is shown on Exhibit D.

A. Water will be hauled from Sheep Wash Field located in Section 25 & 26, T9S, R18E or Section 30, T9S, R19E.

B. No pipelines are anticipated. Hauling will be on the road(s) shown in Exhibit D.

C. No water well is anticipated to be drilled at this time.

6. Source of Construction Materials

A. No construction material, insofar as drilling, will be needed.

B. No construction materials will be obtained from Federal or Indian land.

C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

D. Access roads crossing Federal lands are shown under Items 1 and 2.

7. Handling Waste Disposals

A. Drill cuttings will be buried in the reserve pit when covered.

B. Drilling fluids will be handled in the reserve pit.

C. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

D. Any sewage will be covered or removed and chemical toilets will be provided.

E. There will be no burning. Garbage and other waste material will be

enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.

F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced or covered.

8. Ancillary Facilities

No proposed airstrip, camp, or other facility will be constructed during the drilling or completion of this well.

9. Well Site Layout

A. Exhibit E is the drill pad layout on a scale of 1" = 40'.

B. & C. Exhibit E is a layout of the drilling rig, pits, and burn pits. Parking and trailers will be along the north side of the area as shown. The access road will be from the southwest. Soil stockpiles are also shown on Exhibit E. The top 6 - 10 inches of topsoil material will be removed from the location and stockpiled on the south end of the location.

D. The reserve pit will not be lined with native clay, commercial bentonite, or plastic sufficient to prevent seepage. Steel mud pits etc.

E. Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

10. Rehabilitation

A. Prior to rig release, the pits will be fenced on the fourth side and so maintained until cleanup is accomplished. The reserve pit will have fencing on three sides during drilling.

B. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be hauled to a local sanitary landfill.

C. The operator or his contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 48 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.

D. Before any dirt work to restore the location takes place, the reserve pit will be completely dried and all trash (cans, barrels, pipe, etc,) will be removed.

E. All disturbed areas will be recontoured to the approximate natural contours.

F. The stockpiled topsoil will be evenly distributed over the disturbed area.

G. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.

H. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some such implement will be dragged over the seeded area to assure seed coverage.

I. The access will be blocked to prevent any vehicle use.

Production

J. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.

K. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, will be painted a flat, non-reflective, earthtone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

11. Other Information

A. Topography: See Notes on Exhibit E

Soil Characteristics and Geologic features: The soil of this semi-arid area are of the Uinta and Duchesne River formation (The Fluvial Sand-Stone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (Sandstone, mudstone, conglomerates and shales).

Flora: Areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth.

Fauna: Is sparse but consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. Birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

B. Type of surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: BLM

C. Proximity of useable water (Shown on Exhibit D):

Occupied dwellings (if any, shown on Exhibit B): None

D. An archaeological clearance has been done.

E. If any cultural recources are found during construction, all work will stop and the BLM will be notified.

12. Lessee's or Operator's Representative

James D. Holliman
Manager of Operations
MAPCO Production Company
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or (406) 656-8435

or

Dennis J. Brabec
Regional Drilling Superintendent
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December 14, 1982
DATE

James D. Holliman
NAME

Manager of Production
TITLE

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

December 5, 1983

Mapco Production Company
1643 Lewis Avenue, Suite 202
Billings, Montana 59102,

Re: See attached list

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones

Claudia Jones
Well Records Specialist

CJ/cj

Well No. RBU # 5-10
SW NW Sec. 10, T. 10S, R. 19E.
2055' FNL, 1234' FWL
Uintah County, Utah

Well No. RBU # 6-3D
SE NW Sec. 3, T. 10S, R. 18E
1583' FNL, 1943 FWL
Uintah County, Utah

Well No. RBU # 8-16D
SE NE Sec. 16, T. 10S, R. 18E.
2640 FNL, 870 FEL
Uintah County, Utah

Well No. RBU #9-10E
NE SE Sec. 10, T. 10S, R. 19E.
2001' FSL, 1177' FEL
Uintah County, Utah

Well No. RBU #9-14E
NE SE Sec. 14, T. 10S, R. 19E.
1371' FSL, 725' FEL
Uintah County, Utah

Well No. RBU #3-15E
NE NW Sec. 15, T. 10S, R. 19E.
129' FNL, 1569' FWL
Uintah County, Utah

Well No. RBU #3-23E
NE NW Sec. 23, T. 10S, R. 19E.
878'FNL, 2018' FWL
Uintah County, Utah

Well No. RBU # 9-23E
NE SE Sec. 23, T. 10S, R. 19E.
2022' FSL, 621' FEL
Uintah County, Utah

Well No. RBU # 3-24E
NE NW Sec. 24, T. 10S, R. 19E.
1016' FNL, 2085' FWL
Uintah County, Utah

Well No. RBU #11X-2F
NE SW Sec. 2, T. 10S, R. 20E.
1857' FSL, 1611' FWL
Uintah County, Utah

MAPCO PRODUCTION COMPANY
A SUBSIDIARY OF MAPCO INC.

December 12, 1983

State of Utah
Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Attached well location list

Attention Claudia Jones:

Reference is made to your letter of 12-5-83 concerning the attached list of well locations which are permitted but no activity has yet been undertaken.

All but three of the subject wells are scheduled for drilling in 1984. These wells were delayed because of the gas market being depressed and contract negotiation. These problems have abated some and development drilling was resumed this fall with the drilling of ten new wells now being finished up.

I have listed the subject well locations in the same manner and order as your list and given the planned action we have assumed for 1984. If you have any questions about this please call me collect at area code 918 telephone no. 599-4001.

Very Truly Yours,

J. D. Holliman
Manager of Production,
Western Division

JDH/ab

Change given to Cari 12/20/83
Please note address change

705 SOUTH ELGIN AVENUE POST OFFICE BOX 2115 TULSA, OKLAHOMA 74101-2115 (918) 599-3800 TELEX 497-560

We have closed our Billings office

WELL LOCATION	PLANNED DISPOSITION
Well No. RBU #5-10E SW NW Sec. 10, T. 10S, R. 19E 2055' FNL, 1234' FWL Uintah County, Utah	To be drilled in 1984.
Well No. RBU #6-3D SE NW Sec. 3, T. 10S, R. 18E 1583' FNL, 1943' FWL Uintah County, Utah	Most likely will not be drilled in 1984 - cancel permit.
Well No. RBU #8-16D SE NE Sec. 16, T. 10S, R. 18E 2640 FNL, 870' FEL Uintah County, Utah	Most likely will not be drilled in 1984 - cancel permit.
Well No. RBU #9-10E NE SE Sec. 10, T. 10S, R. 19E 2001' FSL, 1177' FEL Uintah County, Utah	To be drilled in 1984.
Well No. RBU #9-14E NE SE Sec. 14, T. 10S, R. 19E 1371' FSL, 725' FEL Uintah County, Utah	To be drilled in 1984.
Well No. RBU #3-15E NE NW Sec. 15, T. 10S, R. 19E 129' FNL, 1569' FWL Uintah County, Utah	To be drilled in 1984.
Well No. RBU #3-23E NE NW Sec. 23, T. 10S, R. 19E 878' FNL, 2018' FWL Uintah County, Utah	To be drilled in 1984
Well No. RBU #9-23E NE SE Sec. 23, T. 10S, R. 19E 2022' FSL, 621' FEL Uintah County, Utah	To be drilled in 1984.
Well No. RBU #3-24E NE NW Sec. 24, T. 10S, R. 19E 1016' FNL, 2085' FWL Uintah County, Utah	To be drilled in 1984.
Well No. RBU #11X-2F NE SW Sec. 2, T. 10S, R. 20E 1857' FSL, 1611' FWL Uintah County, Utah	Will not be drilled - cancel permit.

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 20, 1983

Mapco Production Company
705 South Elgin Avenue
P.O. Box 2115
Tulsa, Ok 74101-2115

RE: Well No. RBU #6-3D
SE NW 1583' FNL, 1943' FWL
Sec. 3, T. 10S, R. 18E
Uintah County, Utah

Well No. RBU #8-16D
SE NE 2640' FNL 870' FEL
Sec. 16, T. 10S, R. 18E
Uintah County, Utah

Well No. RBU #11X-2F
NE SW 1857' FSL, 1611' FWL
Sec. 2, T. 10S, R. 20E.
Uintah County, Utah

Gentlemen:

Permit to drill the above mentioned wells, is hereby rescinded as per your letter of December 12, 1983.

It will be necessary for you to re-apply for Permit to Drill, should you choose to drill these sites in the future.

Thank you for your prompt attention to this matter.

Respectfully,

Norman C. Stout
Administrative Assistant

NCS/cj

3100
U-810

June 8, 1984

Mapco Production Company
1643 Lewis, Suite 202
Billings, MT 59102

Re: Rescind Application for Permit to Drill
Well No. RBU 6-3D
Section 3, T10S, R18E
Uintah County, Utah
Lease U-013427

Gentlemen:

The Application for Permit to Drill the referenced well was approved on January 3, 1983. Since that date, no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be subaitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Donald C. Alvord
Associate District Manager

cc: Well File
State O & G
SMA

BMuthina